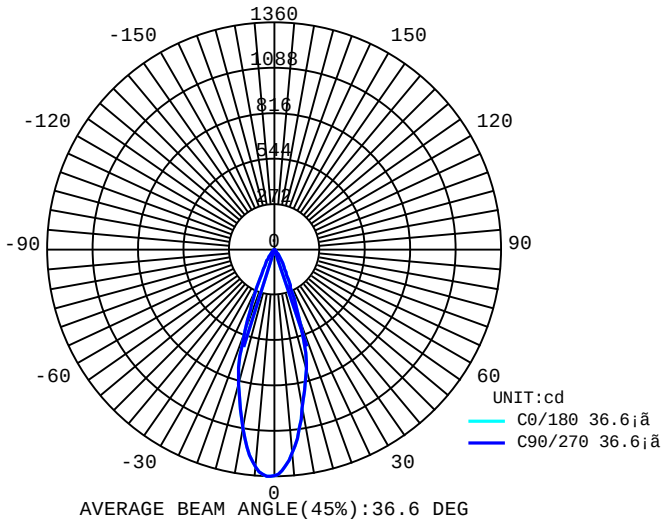
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: Lamppukauppa Led Store Oy		
ADDRESS: Mesikukantie 16, 01300 VANTAA | www.ledstore.fi		
NAME: LED FOKUS SURFACE - color temperature adjustable, dimmable, 16W, CRI98, IP20	SKU: FOKUS-SURFACE	TYPE: LED
SPECIFICATION: LED light, measured from single beam at the cool end of color range, with beam angle set to 37	NOTES: Color temperature adjustable	MEASURED BY: Lamppukauppa Led Store Oy

DATA OF LAMP		Imax(cd)	1360	S/MH(C0/180)	0.52
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.52
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	501.54	Voltage(V)	230.0
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	62.3	Current(A)	0.035
NOMINAL FLUX(lm)	501.5	η up(%)	0.0	Power(W)	8.050
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	430.6	EEI	0.205(A)

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(45%):36.6 DEG

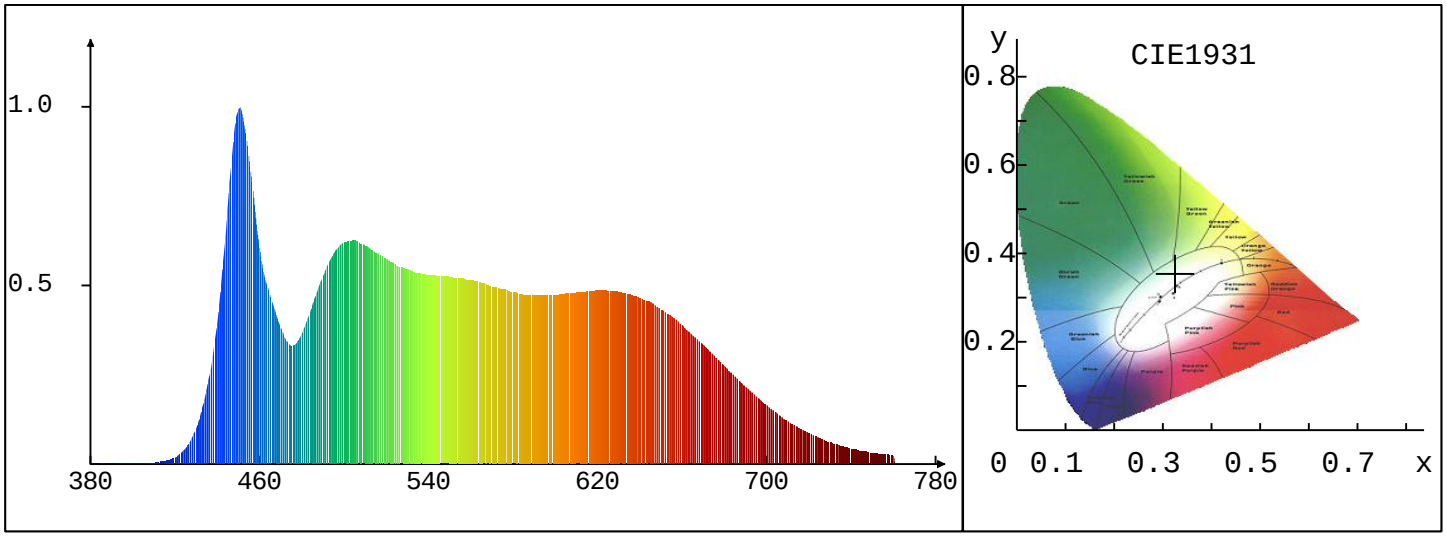
Test System:HopooColor HP880
Temperature:25.3DEG
Operators:
Test Date:09-20-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:1.000 m
Remarks:

Spectrum Chart

Report number:

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Avg Chro. Para.

CCT: 5401K Chro. Coor.: xa=0.3351 ya=0.3551 u'a=0.2033 v'a=0.4849 ¦¤u'v'=0.0056

Current Angle: C=0.0¡ã G=0.0¡ã

Chroma Parameters

Chro.Coor.: x=0.3262 y=0.3503 u'=0.1992 v'=0.4812 duv=0.0074

CCT: 5766K Dominant Wave: 527.0nm Purity: 3.5% Light Intensity: 6615.4cd

Flux RGB Ratio: R=32.7%,G=39.3%,B=28.0% Peak Wave: 449.7nm Half Width: 21.5nm

Rendering Index: Ra= 98.1

R1 =98	R2 =99	R3 =99	R4 =99	R5 =98	R6 =99	R7 =98	R8 =96
R9 =91	R10=98	R11=96	R12=82	R13=98	R14=99	R15=96	

Instrument State

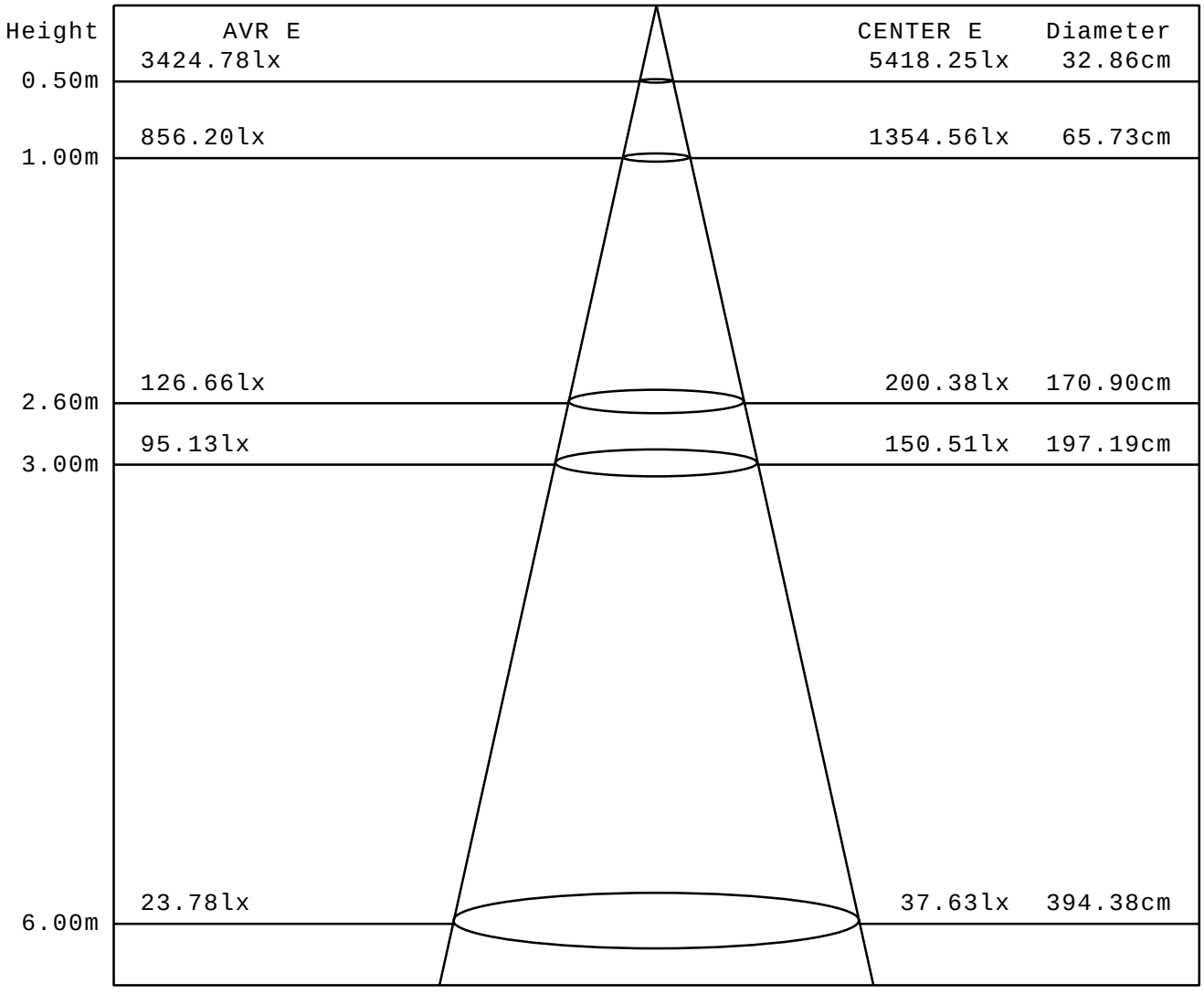
Scan Range: 380nm-780nmIntegral Time: 16.0ms Peak Signal: 16000 Dark Signal: 59888

Test System:HopooColor HP880 Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:1.000 m
Test Date:09-20-2024 Remarks:

AVERAGE AND CENTER E Figure

Report number:

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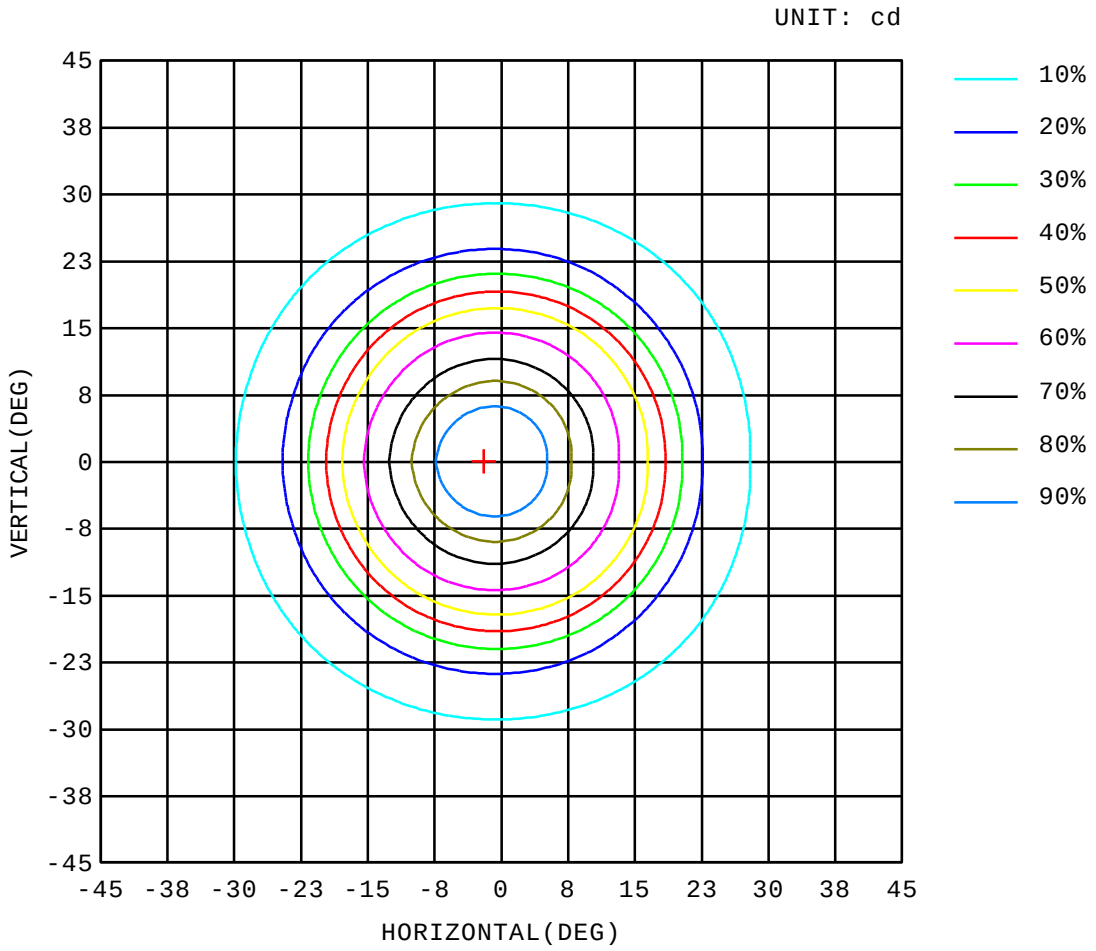
Angle:36.4deg

Test System:HopooColor HP880	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:1.000 m
Test Date:09-20-2024	Remarks:

ISOCANDELA DIAGRAM

Report number:

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